Metal Punch Kit

Model 91201

Safety Precautions and Instructions

Distributed Exclusively by HARBOR FREIGHT TOOLS®

TO PREVENT SERIOUS INJURY,
READ AND UNDERSTAND ALL WARNINGS AND INSTRUCTIONS BEFORE USE.

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For technical questions, please call 1-800-444-3353.

⚠ WARNING

1. **This kit has sharp edges that can cut and injure you.**

- **Keep fingers away from the blade, especially during use.**
- **Keep this kit away from children.**
- **Do not hold the workpiece while using this kit on it. The blade may suddenly break through causing personal injury.**

2. **Flying pieces, debris, smoke, or dust caused during use can injure you.**

- **Always wear ANSI approved safety goggles, full face shield, and dust mask/respirator during use. If this set is used on fiberglass or similar materials, additional protective equipment (such as a disposable painter's jumpsuit) should also be used.**
- **Use this kit only on the following recommended materials:**

Mild Steel-10 gauge thick or less	Fiberglass-less than .08" (about $^{5}/_{64}$") thick
Aluminum-15 gauge thick or less	Plastic-less than .08" (about $^{5}/_{64}$") thick

Use on other materials may result in chipping, breakage, personal injury, and damage to this kit, the workpiece, and/or the tool that this kit is used with. Do not attempt to force this kit to do the cutting work of a larger one. There are certain applications for which this kit was designed. Do not modify this kit and do not use this kit for a purpose for which it was not intended.

3. **Pieces of the tool can break off and cause injury to the eyes, injury to the face, or other injury.**
   - Before every use, check for any broken parts or mounting fixtures, and any other condition that may affect proper operation. Any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function.
   - Do not use if any blade is worn, cracked, or chipped.
   - Keep this set clean and in a dry location to prevent rust, prolong the life of the tool, and help prevent breakage.
4. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts is dangerous and will void the warranty. Only use accessories intended for use with this kit.
5. **Do not use this kit if under the influence of alcohol or drugs.** Read warning labels if taking prescription medicine to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not use this tool.
6. **Stay alert.** Watch what you are doing, use common sense. Do not use this kit if you are tired.
7. **Read and adhere to all safety warnings and precautions in the manual for any tool used with this Kit.**

SAVE THIS INSTRUCTION SHEET. **(Operation Instructions on Back.)**

The warnings, cautions, and instructions discussed in this instruction sheet cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this set, but must be supplied by the operator.

Operation Instructions

1. Using a drill, drill a pilot hole through the center of the location that you want the larger hole to be. Note: Pilot hole should be 1/2" diameter for Part Number (1) bolt and 3/4" diameter for Part Number (2) bolt.
2. Place the $^1/_2$" Die (4) over the Small Drive Bolt (1), with the flat side against the bearing. Insert the Small Drive Bolt through the hole.

⚠ WARNING

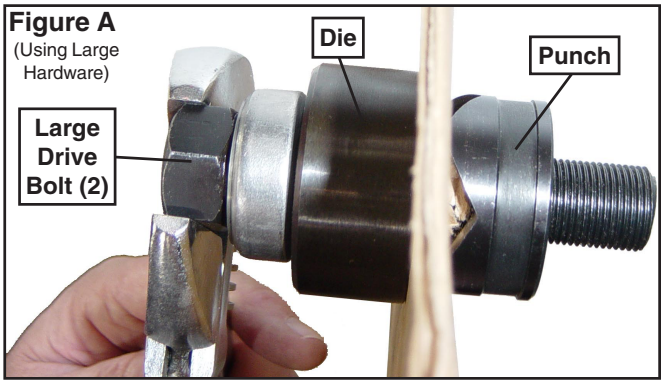
The punches are very sharp. Always keep hands and fingers away from the blades.

⚠ WARNING

Risk of electric shock or death.
Before drilling pilot holes or using this kit, ensure that the area of the material the kit is used on is free from any wires, cables, and utility lines.

3. On some materials it may be helpful to apply light oil to the Punch to help it move freely. If this is done caution must be exercised to avoid being cut by the blade.
4. Thread the $^1/_2$" Punch (3) onto the Bolt on the other side of the material, with the blade side facing the material to be cut. Finger-tighten until the Punch is snug against the material *-positioning is similar to **Figure A**, right, except with the smaller hardware.*

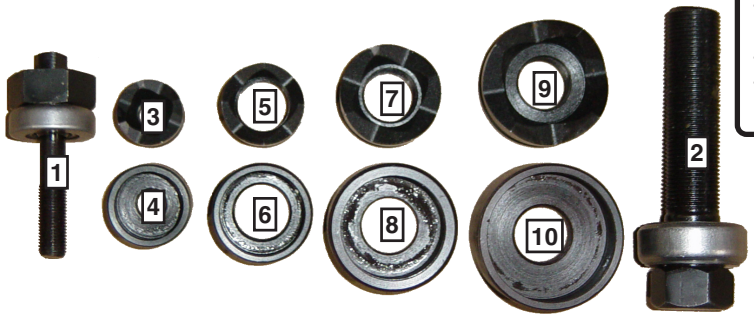
Figure A
(Using Large Hardware)



5. Use a wrench, ratchet, or drill (not included) to turn the Drive Bolt, driving the Punch into the material *-similar to **Figure A**.* Use caution so that, once the Punch breaks through, the tool doesn't slip and injure you.
6. Carefully unthread the Punch to remove the material. If a larger hole is desired, after the hole is opened up using the smaller Punch and Die, the above steps can be repeated using the Large Drive Screw (2) with a larger Punch and Die pair to get the desired size.
7. After use, clean the Punch, Die, and Bolt by oiling them lightly and **carefully** wiping them with a dry cloth. Store them in the case in a dry, cool area, **out of children's reach**.

Parts List

Part	Description	Part	Description
1	Small Drive Bolt	6	$^3/_4$" Die
2	Large Drive Bolt	7	1" Punch
3	$^1/_2$" Punch	8	1" Die
4	$^1/_2$" Die	9	1-$^1/_4$" Punch
5	$^3/_4$" Punch	10	1-$^1/_4$" Die



PLEASE READ THE FOLLOWING CAREFULLY

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NOTE: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

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